

Title (en)

Auto focus system with automatic object tracking function

Title (de)

Autofokussystem mit automatischer Objekt-Verfolgungsfunktion

Title (fr)

Système de focalisation automatique avec fonction de suivi automatique d'un objet

Publication

EP 1648165 A1 20060419 (EN)

Application

EP 05022261 A 20051012

Priority

JP 2004300121 A 20041014

Abstract (en)

There is provided an auto focus system capable of, when manual operation is performed for moving the position of an AF area, which is an area to be targeted by auto focus (AF), while the AF area is automatically tracking a predetermined object, instantaneously changing the object to be targeted by AF by moving the AF area in accordance with the manual operation. An AF area controller (14) is provided with a track ball (40) for moving the position of the AF area by manual operation. A tracking device (16) gives the position of the AF area for causing the AF area to automatically track a predetermined target object, to the AF area controller (14). The AF area controller (14) causes the AF area to automatically track a predetermined target object by giving the position of the AF area given by the tracking device (16) to an AF processing section (22) of a lens device (12) for performing AF. If the track ball (40) is operated, the AF area controller (14) prioritizes the operation over the tracking device (16) and gives the position of the AF area based on the operation, to the AF processing section (22).

IPC 8 full level

H04N 5/232 (2006.01); **G02B 7/28** (2006.01); **G03B 13/36** (2006.01)

CPC (source: EP US)

G02B 7/36 (2013.01 - EP US); **G03B 13/30** (2013.01 - EP US); **G03B 13/36** (2013.01 - EP US); **G03B 17/20** (2013.01 - EP US); **H04N 23/635** (2023.01 - EP US); **H04N 23/673** (2023.01 - EP US); **H04N 23/675** (2023.01 - EP US); **G03B 2213/02** (2013.01 - EP US)

Citation (search report)

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- [DA] PATENT ABSTRACTS OF JAPAN vol. 017, no. 416 (P - 1584) 3 August 1993 (1993-08-03)

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